U. S. Department of Agriculture - Forest Service
CENTRAL STATES FOREST EXPERIMENT STATION
Columbus, Ohio

Station Note
No. 9

March 29, 1934

A BLACK LOCUST VOLUME TABLE FOR CONTENTS IN BOARD FEET

Plantation BLACK LOCUST
(Robinia pseudoacacia, Linn)
Central Hardwood Region

L. F. Kellogg — 1934 — International 1/8" 5.0" Top D.I.B.

Diameter Breast High (o.b.) Inches	(i.b.) Inches	Total Height in Feet: 30	40	50	60	70	80	90	Basis: No. of Trees
		Volume in Board Feet							
6	5.0	3	3	4	4	5			29
7	5.9	3	4	7	9	12			27
8	6.7	3	8	16	21	24			25
9	7.6	4	18	30	35	40	48		27
10	8.4		26	40	47	53	64	78	33
11	9.3		34	50	59	68	83	102	23
12	10.2		42	62	74	85	104	133	18
13	11.0			74	88	101	128	164	8
14	11.9			87	104	124	157	200	6
15	12.8			100	125	147	187	237	5
16	13.6				146	174	218	274	4
17	14.5				171	202	250	316	5
18	15.3				195	230	285	360	4
19	16.2				220	258	321	409	4
20	17.1				246	289	361	463	-
Basis: No. of trees		5	16	75	31	50	29	12	218

Trees measured by the Central States Forest Experiment Station in Indiana, Illinois and Ohio. Stump height 1.0 ft. Top diameter inside bark 5.0". Scaled as 12-ft. log lengths with trimming allowance of 0.3 ft. Additional top sections scaled as fractions of a 12-ft-5.0" log. Aggregate deviation: Chart is 0.22% high. Average percentage deviation on 190 trees, 17.4% Block indicates extent of basic data. Prepared by the alinement chart method.

This is the second of several volume tables for plantation black locust. As other tables are completed, they will be issued immediately in this form in order to avoid delay in making them available for use.